

Title (en)

Storage and dispensing package including a self-sealing dispensing valve.

Title (de)

Lagerungs- und Spenderverpackung mit selbstdichtendem Ventil.

Title (fr)

Emballage pour l'emmagasiner et la distribution comprenant une soupape à obturation automatique.

Publication

EP 0278125 A2 19880817 (EN)

Application

EP 87202497 A 19871214

Priority

- US 10966387 A 19871015
- US 94463286 A 19861219

Abstract (en)

A flexible storage (12) and dispensing package (10) for fluid material. The package (10) has a first mode of operation capable of storing the fluid material without leakage when the package is subjected to unintentional external forces and a second mode of operation capable of dispensing the fluid material when the package is subjected to external forces intentionally applied by the user. The second mode of operation is capable of dispensing the fluid material through a discharge orifice (22) in response to manually applied forces and of automatically ceasing the dispensing operation when the manually applied forces are removed. The package (10) is also resistant to leakage in the second mode of operation when stored with its discharge orifice (22) downwardly oriented intermediate dispensing cycles.

IPC 1-7

B65D 1/32; **B65D 35/52**; **B65D 85/72**

IPC 8 full level

B65D 47/44 (2006.01); **B65D 23/00** (2006.01); **B65D 47/06** (2006.01); **B65D 47/08** (2006.01); **B65D 47/20** (2006.01)

CPC (source: EP KR US)

B65D 23/00 (2013.01 - EP US); **B65D 47/043** (2013.01 - EP US); **B65D 47/0885** (2013.01 - EP US); **B65D 47/2031** (2013.01 - EP US); **B67D 3/04** (2013.01 - KR)

Cited by

EP0903301A1; FR2666308A1; CN114352593A; EP0863343A3; EP0713832A1; US5839614A; EP0495435A1; EP0442379A3; US5842618A; AU700130B2; EP0555623A1; US5390805A; US6065642A; US6102245A; EP1273525A1; EP0545678A3; EP0794126A3; EP0794127A3; EP0994037A3; US6279783B1; EP0994037A2; US6293437B1; US6273296B1; US6230940B1; WO9204244A1; WO9400363A1; WO9730905A1; WO03002417A1; WO03028898A1

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US 4749108 A 19880607; AU 589881 B2 19891019; AU 8280887 A 19880623; CA 1283085 C 19910416; DE 3780441 D1 19920820; DE 3780441 T2 19921217; DK 169503 B1 19941114; DK 662387 A 19880620; DK 662387 D0 19871216; EP 0278125 A2 19880817; EP 0278125 A3 19890524; EP 0278125 B1 19920715; ES 2033302 T3 19930316; FI 87173 B 19920831; FI 87173 C 19921210; FI 875520 A0 19871216; FI 875520 A 19880620; GR 3005936 T3 19930607; IE 60519 B1 19940727; IE 873455 L 19880619; JP H0659900 B2 19940810; JP S63248662 A 19881014; KR 880007352 A 19880827; MX 166267 B 19921228; NZ 222988 A 19890628

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